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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number	10/050,200
Filing Date	January 18, 202
First Named Inventor	FOURIE, et. al.
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	ORT-1417

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	KindCode[5]	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T[6]
dlf		WO	00/05256	A1	DU PONT PHARMACEUTICALS COMPANY	02/03/2000		

Examiner Signature		Date Considered	06/16/04

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.[1]	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
dvf	1	ABBASZADE, I., et. al., "Cloning and Characterization of ADAMTS11, an Aggrecanase from the ADAMTS Family", The Journal of Biological Chemistry, 1999 Vol 274(33):23443-23450.	
dvf	2	BAILEY, S., et al., "Selective Inhibition of Low Affinity IgE Receptor (CD23) Processing: P1' Bicyclomethyl Substituents," Bioorganic & Medicinal Chemistry Letters 1999 9:3165-3170.	
dvf	3	CATERSON, B., et. al., "Mechanisms involved in cartilage proteoglycan catabolism," Matrix Biology 2000 19:333-344.	
dvf	4	CHEN, J., et. al., "Design, Synthesis, Activity, And Structure Of A Novel Class Of Matrix Metalloproteinase Inhibitors Containing A Heterocyclic P2'-P3' Amide Bond Isostere," Bioorganic & Medicinal Chemistry Letters, 1996 Vol 6(13):1601-1606	
dvf	5	HORBER, C., et. al., "Truncation of the amino-terminus of the recombinant aggrecan rAgg1(mut) leads to reduced cleavage at the aggrecanase site. Efficient aggrecanase catabolism may depend on multiple substrate interactions," Matrix Biology 2000 19:533-543.	
dvf	6	LOHMANDER, L. S., et al., "The Structure of Aggrecan Fragments in Human Synovial Fluid," Arthritis & Rheumatism, 1993 36(9):1214 1222	
dvf	7	PRATTA, M., et. al., "Age-related Changes in Aggrecan Glycosylation Affect Cleavage by Aggrecanase," Journal of Biological Chemistry, 2000 Vol. 275(50):39096-39102.	
dvf	8	PRIMAKOFF, P., and MYLES, D. G., "The Adam gene family surface proteins with adhesion and protease activity," Trends Genet 2000 16(2):83-87	
dvf	9	ROGHANI, M., et. al., "Metalloprotease-Disintegrin MDC9: Intracellular Maturation and Catalytic Activity," Journal of Biological Chemistry, 1999 Vol 274(8):3531-3540.	
dvf	10	SANDY, J.D., et. al., "The intermediates of aggrecanase-dependent cleavage of aggrecan in rat chondrosarcoma cells treated with interleukin-1," Biochemistry Journal 2000 351:161-166	
dvf	11	TANG, B. L., and Hong, W., "ADAMTS: A novel family of proteases with an ADAM protease domain and thrombospondin 1 repeats," FEBS Letters 445:223-225 1999	
dvf	12	TORTORELLA, M. D., et. al., "Sites of Aggrecan Cleavage by Recombinant Human Aggrecanase-1 (ADAMTS-4)," Journal of Biological Chemistry 2000 Vol. 275(24):18566-18573.	
dvf	13	TORTORELLA, M. D., et. al., "Purification and Cloning of Aggrecanase-1: A Member of the ADAMTS Family of Proteins," 1999 Vol 284:1664-1666	
dvf	14	Medline 98403880, 1998	
dvf	15	Medline 99367476, 1999	

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